

Number Theory and Combinatorics Seminar

Date: Monday - January 30, 2012
Room: E575
Time: 12:00 - 12:50pm



Speaker: Brandon Fodden (University of Lethbridge)

Title: Hilbert's Tenth Problem

Abstract:

Hilbert's Tenth Problem asks for an algorithm which can determine if an arbitrary Diophantine equation (with integral coefficients) has solutions. In 1970 Yuri Matiyasevich, building on the work of Martin Davis, Julia Robinson and Hilary Putnam, showed that no such algorithm may exist. In this talk, we give an outline of a proof of this, and discuss some applications and related problems. No specialist knowledge is assumed and everyone is welcome.

EVERYONE IS WELCOME!

Visit the seminar page at <http://www.cs.uleth.ca/~nathanng/ntcoseminar.html>